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ABSTRACT OF THE DISCLOSURE

In an image pickup device, a single refractive index distribution lens having a refractive index distribution which is substantially proportional to the square of the distance from an optical axis in a cross-section vertical to the optical axis is provided as an imaging lens in the neighborhood of the imaging face of an image pickup element. Specifically, the positional relationship between the image pickup element and the lens is fixed by adhesion of organic solvent or the like. Further, an infrared-ray cut filter is formed on the light incident face of the refractive index distribution lens.